

OREGON CROP WEATHER



OREGON
AGRICULTURAL
STATISTICS
SERVICE

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Weather: Hot temperatures subsided somewhat in most areas across the State, approaching their normal highs and lows. Precipitation was lacking, on the other hand. Many north central areas received almost no precipitation, while precipitation in the northeast and some Willamette Valley areas tended to be measurable but small. The effects of these conditions were to start irrigation earlier than usual in some areas, further plant growth and fruit maturity in other areas, and stress crops in dryland areas. Klamath Falls and Lakeview did receive precipitation more than one inch above normal. The Dalles and Ontario both recorded 44 growing degree days above normal.

Field Crops: Weather was warm and dry for the most part, which allowed fieldwork to continue but also made it necessary to irrigate some crops earlier or more than usual. Hot, windy conditions continued to impact the wheat crop in northcentral Oregon. The lack of any stored moisture was showing its effect. Water was applied to some grass seed fields, which were mostly in the middle of the pollination process. Red Clover seed was cut for hay or silage and made good re-growth. Crops looked good in the west. Haying made good progress across the State.

Vegetables: In the Willamette Valley, vegetables were mostly planted and were growing pretty much on schedule. Some growers had started weeding and cultivating. Corn, green beans and most fresh produce were up and growing in Lane County; a lot of produce will come on the first part of August. Tomatoes, corn and other edible crops were all up and showing good growth in Josephine County. Potatoes were up and looked good in Baker County, although acreage contracts were reduced.

Nurseries and Greenhouses: Nursery operations are into the summer irrigation and maintenance routine. A few greenhouses were still shipping bedding plants to retail outlets. Easter lily growers on the southern Oregon coast were disbudding plants in the field.

Crop Condition Week Ending 6/15/03

	Very poor	Poor	Fair	Good	Excellent
Winter Wheat %	5	28	40	25	2
Barley %	1	16	52	30	1
Range & Pasture %	5	14	36	38	7

Livestock, Range and Pasture: Livestock reported to be in good condition as pastures were still in pretty good condition across the State. However, with the recent hot temperatures pastures have begun to show signs of stress across eastern Oregon, and lower level ranges were drying rapidly. Precipitation is needed to preserve good forage conditions.

Fruit: Strawberries were harvested in the Willamette Valley. Wine grapes showed good growth. The codling moth appeared to be a problem in many growing areas. The Chelan cherry harvest began on June 13 in Wasco County. Royal Ann harvest was expected to begin shortly thereafter. Fruit thinning, mowing, and irrigating began in the upper Hood River Valley and continued in the mid and lower Hood River Valley orchards. Cooler temperatures in Yamhill County brought the pace of fruit maturity back to about normal. Southern coast cranberries continued in bloom. Josephine County nut trees were showing some problems from last years killing frost.

Crop Progress Week Ending 6/15/03

	This week	Previous week	Last year	5 year average
All Barley emerged (%)	96	93	98	—
All Barley headed (%)	46	41	72	—
Spring wheat headed (%)	61	—	—	—
Winter wheat headed (%)	88	75	94	87
Days suitable for fieldwork	6.8	6.9	—	—

Soil Moisture Week Ending 6/15/03

	Very short	Short	Adequate	Surplus
Topsoil (%)	9	46	44	1
Subsoil (%)	19	31	48	2

CLACKAMAS: Hay making progress, some waiting for the next big warm spell. Strawberry picking probably at peak on a mediocre crop. Raspberries not too far behind. Vegetables are growing pretty much on schedule. Nursery operators were into an irrigation and maintenance summer routine. Livestock continue in good condition.

COOS\CURRY: Most cranberries were in various stages of bloom; some growers were adjusting irrigation systems to deliver enough water to keep beds moist but not too wet nor too dry. Some cranberry growers continued to use sweep nets at night to monitor adult root weevil activity. Easter lily growers in Curry County were disbudding plants in the field. Mostly dry, but some light precipitation occurred mainly in Coos County. Average air temperatures at coastal AgriMet weather stations ranged from 55.9 to 56.5 degrees F; highs ranged from 62.8 to 74.1 degrees F; and lows ranged from 45.5 to 48.1 degrees F. Precipitation was 0.00" at Brookings-Harbor and 0.09" at Bandon. Growing degree days (base 50 degree F) ranged from 49 GDD at Bandon to 50 GDD at Brookings-Harbor.

JACKSON: Haying continued. Some winter grains turning color.

JOSEPHINE: Grapes leafed out and blooming in most areas. Watering started in most fields. Hay was in and yield was high in the area. Cherries were good in some areas but some of the older trees in the area suffered from the damp, soggy spring weather. Nut trees also showed some problems in areas where they were subject to drought and then killing frost last year. Walnuts are blooming later than normal. Natives like Madrone, Myrtle and Maple all show kill from the drought and frost in 2002. The damage is becoming more apparent now. Strawberries are still doing well in truck gardens and sales are brisk. Tomatoes, corn and other tender edible crops are all up and showing good growth. Nighttime temperatures in the lower forties in most areas of the valley this last week but did not see any appreciable damage. Beautiful week with milder temperatures and slight breezes.

LANE: Prune crop and peach crop down all over the lower Willamette Valley. Some good Veteran peach orchards. Very few early peaches have a good crop. Medium to good cherry crop. Lots of scab and cedar apple rust in pears. Codling moth out in big numbers. Good crop yield. Apples showing lots of scab and codling moth. Medium crop. Asian pear crop looks very good. Blueberries have a medium crop but varies around the lower valley. Looks like an excellent crop for raspberries and blackberries. Strawberry harvest started. Rain coming at the wrong time! Medium to good crop of grapes. Powdery mildew already present. Corn and green beans are up and growing. Fresh produce up and growing also. A lot of produce will come on the first of August. Hazelnut crop may be down from predictions.

MARION: Weather was still warm and dry for the most part, allowing fieldwork to continue but making it necessary to irrigate some crops earlier or more than usual. Water is still being applied to grass seed fields and now to hazelnut orchards. Crops looked good. Grass fields were in the middle of pollination process. Red clover seed was cut for hay or silage and is making good re-growth. Grass hay still being made as weather permits. A few showers on Friday, otherwise dry. A little rain would benefit most crops right now.

WASHINGTON: Temperatures moderated somewhat this week and were much closer to normal. Haying has been the busy work for most ranchers. Grain crops looked good. Lots of irrigation now being done in orchards, also more cover sprays being applied. Vineyards showing good growth, bloom is mostly done. The hot weather from last week has pushed lots of growth. Vegetable gardeners are getting most all plants in, even the most tender of plants. Some are getting started with weeding and cultivation. Greenhouses starting with some clean-up and maintenance, getting ready for late summer and fall plantings. Some still shipping flower and vegetables starts to outlets. Nurseries busy with feeding and watering potted plants, flowers and shrubs. All livestock looked good as pastures are still in fair condition. Some cattle getting shots and branded. A good week for all farm and ranch work with the cooler temperatures. Days in the low 80's and nights in the high 40's. Lots of hay made this week.

YAMHILL: Cooler weather this week has brought the pace of fruit maturity back to about normal. Some higher elevation cherry orchards applied their cherry fruit fly spray this week.

EASTERN OREGON

BAKER: Lower ranges drying rapidly. Cattle in good condition. Potatoes are up and look good, although acreage contracts were reduced. First cutting of alfalfa being hayed and ensiled.

CROOK/JEFFERSON/DESCHUTES: Spring wheat was heading out in Madras/Culver area. Cereal Leaf Beetle had been found in five spring wheat fields in the Culver area of Jefferson County. Grass and alfalfa hay harvest was in full swing. There was no moisture received this week, so hay harvest should have been good. The temperatures did cool into the 70's mid week for a couple of days.

HARNEY: Alfalfa and grain hay harvest started. Hot and dry. Need a good rain.

HOOD RIVER: Summer orchard operations were underway throughout the Hood River Valley. Fruit thinning, mowing and irrigation began in the upper valley and were continuing in mid and lower valley orchards. The first cover sprays for codling moth were applied in upper valley orchards early in the week.

MALHEUR: Range grass showing stress. Early wheat fields showing color. Haying continued. Temperatures normal to above normal. Most crops look good.

SHERMAN: Turnout at Sherman Station Field day was down a little bit, but still an excellent tour. Hot weather last week cost us at least 5 bushels per acre and dry conditions this week add to crop decline. Most fall barley and some winter wheat starting to turn. Goatgrass blooming.

UMATILLA: Hot temperatures with windy conditions continued to impact the wheat crop. The lack of any stored moisture is having a high level of impact, except in areas along the Blue Mountain foothills.

UNION: Hay was being cut all over the valley. First cutting looked good in most areas.

WALLOWA: The hot weather this week has started to take its toll on all of the crops and pasture. A couple of days of rain would really help things keep going. The pasture is really good for the livestock but is starting to dry out due to the lack of moisture. Hay is being cut in a lot of the county.

WASCO: Strong winds prevailed throughout the week, disrupting chemical spraying on no-till summer fallow and cherry orchard fruit fly control. Wild rye rouging was active all week in wheat fields. Other field activities included fertilizer applications and rod weeding on summer fallow ground. Cherry orchardists were active all week getting ladders, picking buckets, and placing outhouses in orchards. Migrant pickers were filling orchard cabins rapidly. Chelan cherry harvest began on June 13. Royal Ann harvest to start shortly thereafter. Predicted crop size for Wasco County is 25,000 tons of cherries. Cherry quality is excellent so far. Cherry picking was active at week's end on limited acreage. First cutting of alfalfa hay continued vigorously, followed with irrigation for second cutting growth. Most range grasses are fully matured and drying out; sheep and cattle are foraging well. Rain would be appreciated on the pastures.

WEATHER DATA FOR SELECTED STATIONS IN OREGON WEEK ENDING JUNE 15, 2003 (as of 11:00 am)

STATION	AIR TEMPERATURE				GROWING DEGREE DAYS BASE-50F		LAST WEEK PRECIP			SEASON CUM PRECIPITATION			
	LO	HI	AVG	DFN	TOTAL	DFN	TOTAL INCHES	DFN	DAYS	TOTAL INCHES	DFN	PCT NORMAL	DAYS
COASTAL AREAS													
Astoria/Clatsop	47	69	57	2	53	8	0.29	-0.31	4	58.94	-3.9	94	167
Crescent City	44	61	54	-3	29	-14	0.05	-0.3	2	58.52	-4.87	92	120
Florence	41	73	57	-1	49	0	0.42	-0.19	1	75.15	1.88	103	144
North Bend	49	71	58	2	61	12	0.00	-0.42	0	64.20	2.94	105	141
Tillamook	41	66	57	3	53	15	0.28	-0.52	2	82.74	-1.12	99	159
WILLAMETTE VALLEY													
Corvallis	46	81	61	2	81	9	0.02	-0.29	1	33.27	-7.52	82	118
Eugene	40	77	58	-4	58	-21	0.09	-0.27	1	40	-7.19	85	142
Hillsboro	46	77	60	-1	73	-2	0.06	-0.29	1	35.97	0.65	102	139
McMinnville	47	78	60	-1	72	-2	0.02	-0.25	1	39.82	-1.74	96	144
Portland	52	77	62	-1	87	-2	0.11	-0.26	1	33.37	-0.58	98	140
Salem	47	77	59	-2	68	-7	0.32	-0.03	1	39.1	1.84	105	142
SW VALLEYS													
Grants Pass	50	89	67	2	122	13	0	-0.14	0	33.05	2.93	110	107
Medford	48	86	64	-3	98	-10	0.00	-0.14	0	22.49	4.65	126	103
Roseburg	53	78	63	1	41	-48	0.00	-0.21	0	31.79	0.45	101	124
NORTH CENTRAL													
Condon	40	84	61	3	76	14	0	-0.28	0	12.67	0.21	102	100
Heppner	46	88	65	4	108	21	0	-0.23	0	11.26	-1.24	90	100
Hermiston	48	87	69	3	134	21	0	-0.14	0	7.74	-0.45	95	76
John Day	46	81	63	4	96	20	0	-0.35	0	10.97	-0.28	98	96
Moro	47	82	61	1	78	5	0	-0.14	0	9.77	-0.31	97	76
Pendleton	48	84	66	2	116	9	0	-0.14	0	11.29	0.43	104	93
The Dalles	53	84	67	7	118	44	0	-0.14	0	13.89	2.44	121	85
SOUTH CENTRAL													
Bend	40	82	60	4	71	21	0	-0.21	0	7.08	-3.14	69	60
Burns	32	82	60	4	71	19	0	-0.21	0	7.74	-0.78	91	77
Klamath Falls	38	80	61	2	79	8	0.01	-0.15	1	10.92	-1.33	89	83
Lakeview	34	82	60	2	70	10	0.00	-0.28	0	3.64	-10.59	26	44
Redmond	36	81	60	2	71	9	0	-0.19	0	6.98	-0.29	96	69
NORTHEAST													
Baker City	38	82	61	2	78	11	0.01	-0.34	1	8.12	-0.6	93	85
Joseph	38	79	60	7	69	37	0.02	-0.41	1	17.91	-4.23	81	130
La Grande	43	82	65	4	104	23	0	-0.35	0	10.55	-4.72	69	92
Union	44	86	64	5	98	34	0	-0.41	0	14.45	2.89	125	112
SOUTHEAST													
Ontario	56	92	74	7	168	44	0	-0.2	0	7.87	-0.89	90	72
Rome	43	88	67	4	122	29	0	-0.25	0	6.57	-0.44	94	68

Summary based on National Weather Service data.

Season Cumulative Precip Starts: Sunday, September 1, 2002.

DFN=Departure from normal (using 1961-90 normals period).

Precipitation Days = Days with precipitation of 0.01 inch or more.

Precipitation (rain or melted snow/ice) in inches.

Air Temperatures in Degrees Fahrenheit.

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